

Work Order ID 58199

Wednesday, April 28, 2010 12:47:13 PM



Page 1

Item ID: D3912-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Eyebolt Receiver Assembly

Start Date: 4/28/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 4/29/2010 Req'd Qty: 1.00



Customer:

PRELIMINARY ISSUE

Reference:

Run Start

Approvals: Process Plan: *mf*Date: *10-4-12*

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3912

XPBI

100

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

110

0.00



Small Fab

Memo

0.00

Small Fab

1-Assemble D3912-1/-3/-5 and install rivets as per dwg
TRIM RIVETS 1.250" LONG

2- Install helical, spring plunger and spring pin lanyard assy as per dwg

[Signature] 10 05 03

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

[Signature] 10 05 03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 58199

Wednesday, April 28, 2010 12:47:13 PM

Page 2

Item ID: D3912-041

Accept

Setup Start

Revision ID:

Stop

Item Name: Eyebolt Receiver Assembly

Start Date: 4/28/2010 Start Qty: 1.00

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Required Date: 4/29/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

170

Identify as per dwg & Stock Location: _____

0.00



Packaging

Memo

0.00

Packaging

180

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

Charge
RD 0308 may

MF 10-5-14

POSITIVE RECALLEFFECTIVE 04/29AUTH LuRELEASED [Signature]DATE 05-06-10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, April 28, 2010 12:47:13 PM

Page 1

3

Work Order ID: 58199



Parent Item: D3912-041



Parent Item Name: Eyebolt Receiver Assembly

Start Date: 4/28/2010

Required Date: 4/29/2010

Comments: IPP RevA: new issue DD 09.11.18 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21209C6-10 		Purchased	No		M108170		Each	65.0000	1.0000	1	4/28/2010	
Heli Coil, screw locking, red												

F610

M114523

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST304	25	
108847	22	
113705	3	
Main Warehouse		
ST305	40	
114310	40	

D3912-3



Eyebolt Block

N/A

Manufactured No

100 Each 2.0000 2.0000

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST096	2	
56956	2	

D3912-5



Eyebolt Plate

N/A

Manufactured No

100 Each 4.0000 2.0000

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST096	4	
57275	4	

~~M114523~~
10-04-29
100429

~~M114523~~
10-04-29

~~M114523~~
10-04-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, April 28, 2010 12:47:13 PM

Work Order ID: 58199



Parent Item: D3912-041



Parent Item Name: Eyebolt Receiver Assembly

Start Date: 4/28/2010

Required Date: 4/29/2010

Comments: IPP RevA: new issue DD 09.11.18 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3912-1 Eyebolt		Manufactured	No			100	Each	2.0000	1.0000 			

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

FG095

2

2

100

Each

220.0000

8.0000

#58101

W 10-04-29

MS20615-4M20

M18? R.

Purchased

No



RIVET

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST323

220

113254

16

114324

4

114349

200

Each

37.0000

1.0000

W 10-04-29

D3810-1

D3801-1 R.

Manufactured

No



Hand Retractable Spring Plunger

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST090

37

54523

1

57319

36

B44537

W 10-04-29
W 10-04-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, April 28, 2010 12:47:13 PM

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Parent Item: D3912-041



Parent Item Name: Eyebolt Receiver Assembly

Start Date: 4/28/2010

Required Date: 4/29/2010

Comments: IPP RevA: new issue DD 09.11.18 verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

~~D4928-041~~ N/A ~~to~~

Manufactured No

Each 6.0000 1.0000



Spring Pin Lanyard Assembly

N/A

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST109

6

53988

6

N/A 10-04-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

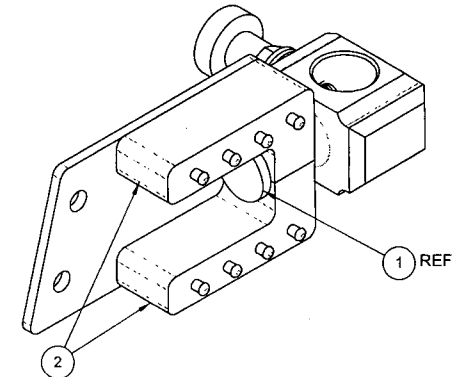
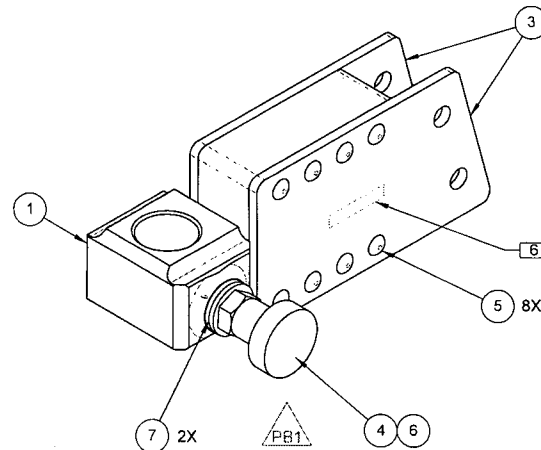
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

NAS1149D0663J

ITEM	QTY -041	P/N	DESCRIPTION
	X	D3912-041	EYEBOLT RECEIVER ASSY
1	1	D3912-1	EYEBOLT
2	2	D3912-3	EYEBOLT BLOCK
3	2	D3912-5	EYEBOLT PLATE
4	1	D3801-1	SPRING PLUNGER
5	8	MS20615-4M20	RIVET
6	1	MS21209-F615	HELICAL
7	2	NAS1149F0663P	WASHER



SUPPLEMENTAL ISO VIEW
(EYEBOLT PLATE REMOVED
TO SHOW INTERIOR FEATURES)

58199

D3912-041 EYEBOLT RECEIVER ASSY

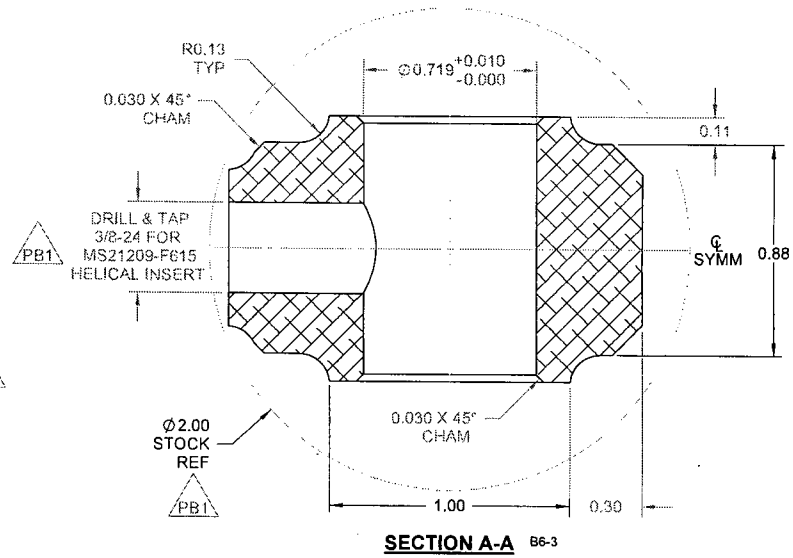
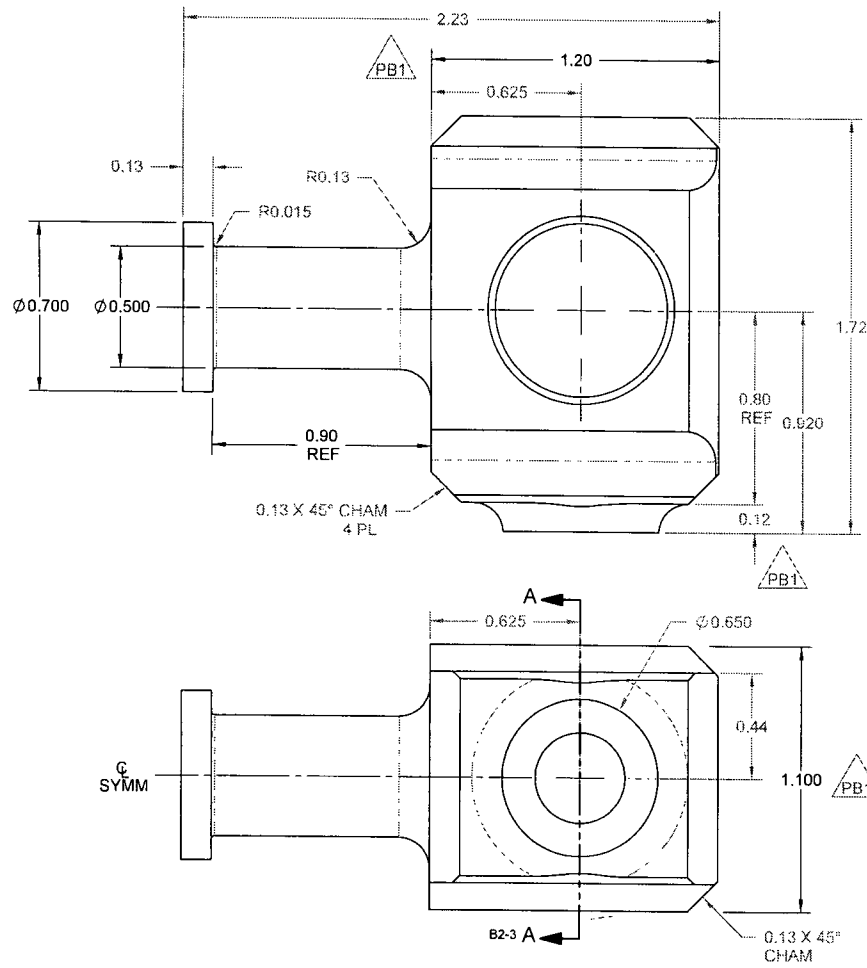
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D3912-041 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT -041: 1.61 lbs

PRELIMINARY ISSUE

1 10.04.21

PB1	D3801-1 WAS D3810-1 SPRING PLUNGER; D4028-041 RMV: MS21209-F615 WAS MS21209-C610 HELICAL; (2X)WASHER NAS1149F0663P ADDED; BOSS ADDED TO D3912-1.	JPH	10.04.21
A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	92	DRAWING NO.	REV. PB1
MFG. APPR.		D3912	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		EYEBOLT RECEIVER ASSY	NTS
DATE	10.04.21	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



D3912-1 EYEBOLT

- NOTES:**
- 1) MATERIAL: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582
REF DART SPEC M303R OR M304R
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: ID AT ASSEMBLY
 - 7) WEIGHT: 0.48 lbs

PRELIMINARY ISSUE
1 10.04.21

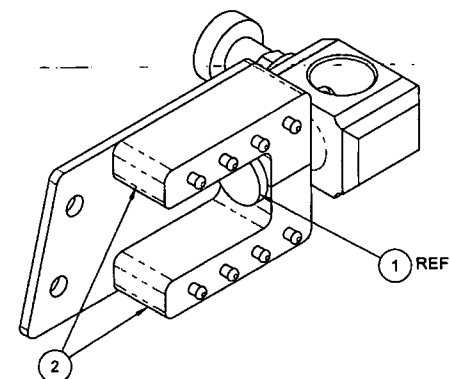
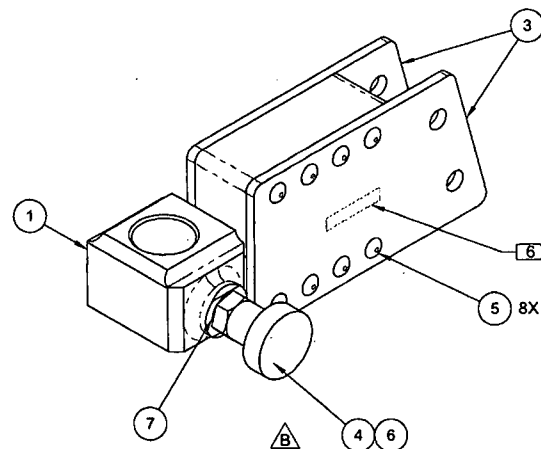
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DRAWN	JPH	
CHECKED	JP	DRAWING NO. D3912
MFG. APPR.		TITLE EYEBOLT RECEIVER ASSY
APPROVED		REV. PB1
DE APPR.		SCALE NTS
DATE	10.04.21	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

D3912-3 EYEBOLT BLOCK



DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>GP</i>	DRAWING NO.	REV. PB1
MFG. APPR.		D3912	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		EYEBOLT RECEIVER ASSY	NTS
DATE	10.04.21	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -041	P/N	DESCRIPTION
	X	D3912-041	EYEBOLT RECEIVER ASSY
1	1	D3912-1	EYEBOLT
2	2	D3912-3	EYEBOLT BLOCK
3	2	D3912-5	EYEBOLT PLATE
4	1	D3801-1	SPRING PLUNGER
5	8	MS20615-4M20	RIVET
6	1	MS21209-F615	HELICAL
7	1	NAS1149F0332P	WASHER



SUPPLEMENTAL ISO VIEW
(EYEBOLT PLATE REMOVED
TO SHOW INTERIOR FEATURES)

D3912-041 EYEBOLT RECEIVER ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D3912-041 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT -041: 1.58 lbs

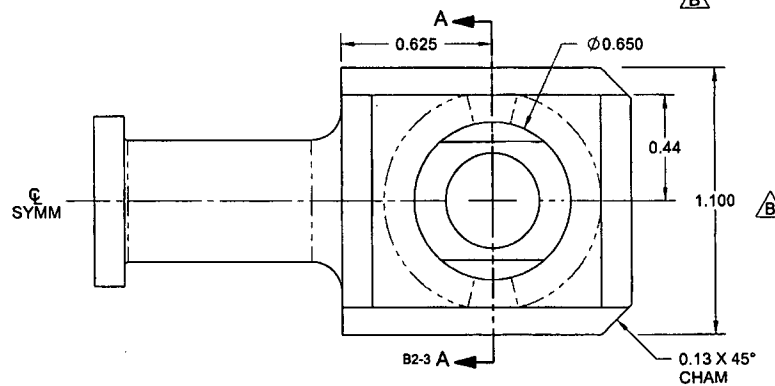
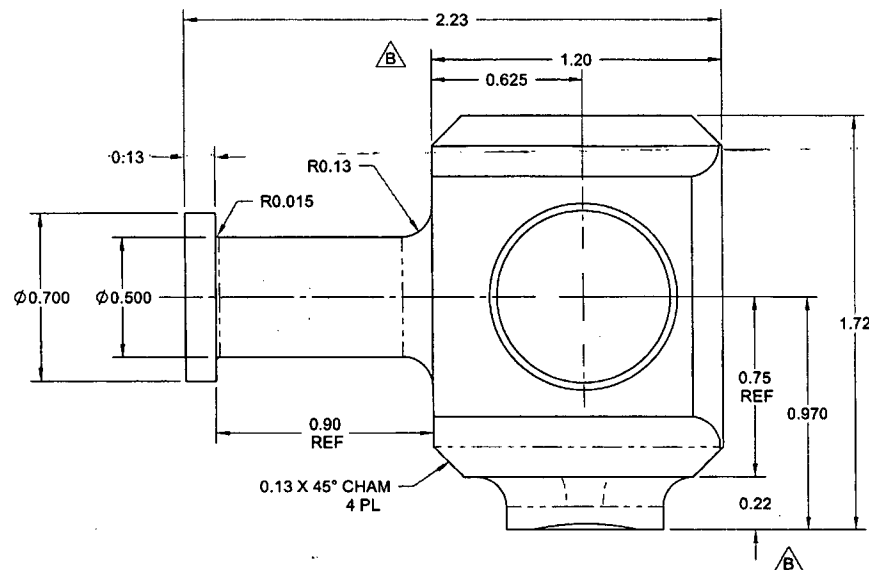
RELEASED
2010-07-16

B	D3801-1 WAS D3810-1 SPRING PLUNGER; D4028-041 RMV; MS21209-F615 WAS MS21209-C810 HELICAL; (1) WASHER; NAS1149C0863R ADDED; BOSS ADDED TO D3912-1.	JPH	10.06.28
A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	ALIS		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.06.28		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3912** REV. B
TITLE **EYEBOLT RECEIVER ASSY** SCALE NTS

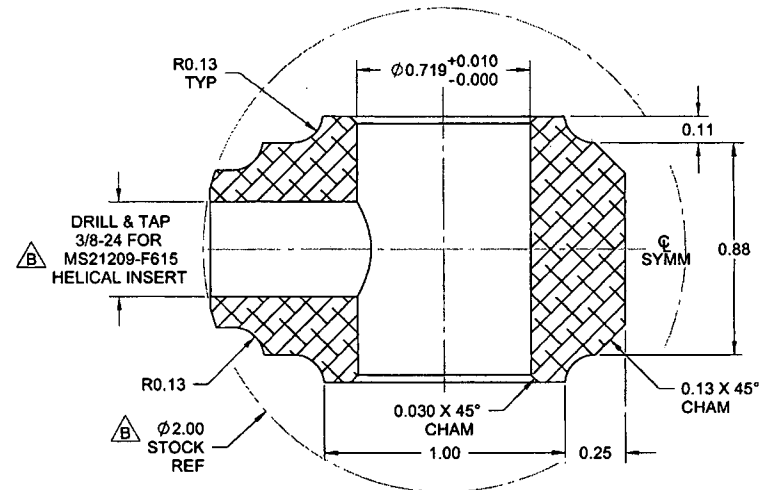
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D3912-1 EYEBOLT

NOTES:

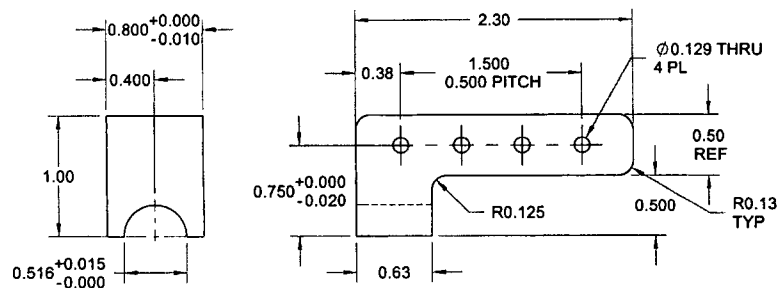
- 1) MATERIAL: 303/304/316 STAINLESS STEEL ROUND BAR, PER ASTM A276 OR ASTM A582
REF DART SPEC M303R OR M304R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ID AT ASSEMBLY
- 7) WEIGHT: 0.45 lbs



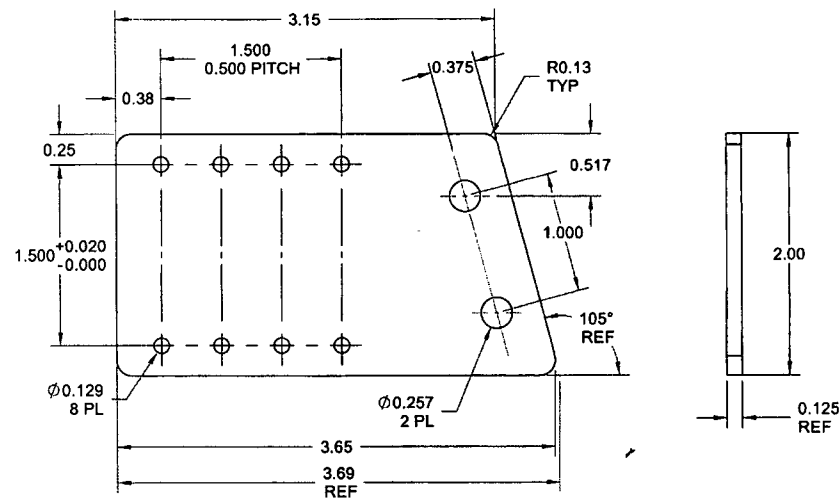
SECTION A-A B2-3

RELEASED
2010-07-16

DESIGN	115	DART AEROSPACE LTD	
DRAWN	115	HAWKESBURY, ONTARIO, CANADA	
CHECKED	115	DRAWING NO.	REV. B
MFG. APPR.	115	D3912	SHEET 2 OF 3
APPROVED	115	TITLE	SCALE
DE APPR.	115	EYEBOLT RECEIVER ASSY	NTS
DATE	10.06.28	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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D3912-3 EYEBOLT BLOCK



D3912-5 EYEBOLT PLATE

NOTES:

- 1) MATERIAL -3: 303/304/316 STAINLESS STEEL BAR, PER ASTM A276
REF DART SPEC M303B OR M304B
- 5: 303/304/316 STAINLESS STEEL SHEET ANNEALED 2B, 0.125 THK
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME 5A240
REF DART SPEC M303S11GA OR M304S11GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ID AT ASSEMBLY
- 7) WEIGHT -3: 0.30 lbs
-5: 0.24 lbs

RELEASED
2010-07-16
md

DESIGN	A/S	DART AEROSPACE LTD	
DRAWN	A/S	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A/S	DRAWING NO.	REV. B
MFG. APPR.	A/S	D3912	SHEET 3 OF 3
APPROVED	A/S	TITLE	SCALE
DE APPR.	A/S	EYEBOLT RECEIVER ASSY	NTS
DATE	10.06.28	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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